



VOLUME 62 ISSUE 3

March 2012

ARRL AFFILIATED-SPECIAL SERVICE CLUB

**Try to remember summer is  
coming**



## Mar Ham Breakfast

### LOCATION

The March Ham breakfast will be at Daniel's Taco Shop, 6815 Space Village Ave, Saturday, 3 March 2012

Time is from 8:00-9:30 AM

**Come on down!**

## March Club Meeting

The March 14<sup>th</sup> meeting will be at the IHop on Stetson Hills Blvd just west of Powers Blvd. 5749 Stetson Hill Blvd.

### PPRAA Club Officers

President	Mike Derbort	KCØELG
Vice President	Dan Scott	WØRO
Secretary	Diana Nordstrom	KCØNPP
Treasurer	Pam Scott	WØPRS
Board	Tom Brereton	WØTOM
Board	John Wishart	KCØJFH
Board	Doug Neilsen	N7LEM
Board	Jim Bishop	KDØKQL
Board	Virgil Yost	NØXRS
Board	Kerrienne Dixon	KDØIPR
Ø-Beat Editor	Mike Anderson	WV7T

All officers can be contacted at:

[boardmembers@ppraa.org](mailto:boardmembers@ppraa.org)

## PPRAA FACEBOOK

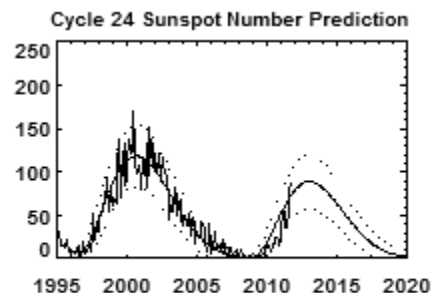
<http://www.facebook.com/pages/PPRAA-Pikes-Peak-Radio-Amateur-Association/185833894769325?v=wall>

PPRAA February Board / Meeting Minutes will be in the April issue.

## For propagation

A Index, K Index, Sunspot number, and Solar Flux Index (SFI) go to this site.

<http://dx.qsl.net/propagation/>



# Ham Licensing Classes

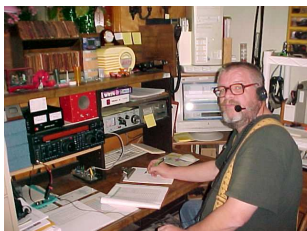
## Location for Sunday Classes Roswell Community Church

2728 Beacon Street

General 1:00-3:00

Extra 3:00-5:00

(Weeknights by arrangements)



Mike Anderson, WV7T

[wv7t@arrrl.net](mailto:wv7t@arrrl.net)

719-229-8610

### General-Extra Classes continuing

Hands-on training Saturdays 2-5pm.  
Weather permitting. Call first to  
make sure Training will take place.

The classes are going well and I have  
a volunteer to take over the  
Technician classes. Hands-on  
training is also going well on  
Saturday afternoons with classes on  
putting coax connectors on cables  
and building simple antennas using  
an antenna analyzer.

Below is a listing of instructional materials I can  
order at a discount with free shipping.

Item #	Title	Retail Price	Discount Price
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0977	<a href="#"><u>The ARRL Ham Radio License Manual</u></a> , 2nd ed. © 2010	29.95	22.47
0847	<a href="#"><u>ARRL's Tech Q&amp;A</u></a> , 5th ed. © 2010	17.95	13.46
8737	<a href="#"><u>The ARRL Instructor's Manual</u></a> , 5th ed. © 2011	19.95	14.96
8119	<a href="#"><u>General Class License Manual</u></a> , 7th ed. © 2011	29.95	22.47
8089	<a href="#"><u>ARRL's General Q&amp;A</u></a> , 4th ed. © 2011	17.95	13.46
8874	<a href="#"><u>Extra Class License Manual</u></a> , 9th ed. © 2008	29.95	22.47
1379	<a href="#"><u>ARRL's Extra Q&amp;A</u></a> , 2nd ed. © 2008	17.95	13.46
9728	<a href="#"><u>Getting Started with Ham Radio</u></a> , 1st ed. © 2006	19.95	14.96
9558	<a href="#"><u>Basic Radio-Understanding the Key Building Blocks</u></a> 1st ed. © 2005	29.95	22.46
0823	<a href="#"><u>Understanding Basic Electronics</u></a> , 2nd ed. © 2010	29.95	22.46
1155	<a href="#"><u>Basic Electronics Course and Kit</u></a>	55.00	41.25
0017	<a href="#"><u>Modulation and Wave Fundamentals Board</u></a>	69.00	51.75

## PPRAA Apparel

Both **Silk Screen** and **Embroidered** (Shirts, T-Shirts, Hats, Badges, etc.), members pay for individual shirts. Embroidered - Club logo = \$7. Call sign and name ordered together = \$7, Call sign or name ordered separately = \$5 each. The number to call to order is: (719) 591-6151. Monograms by Jane.

**Silkscreened** - T-Shirts with a one color left chest logo only no name or call sign: Small thru Xlarge: \$8.75 ea. T-Shirts with one color logo on left and name with call sign on right side: Small thru Xlarge: \$9.60 ea. for XXlarge add \$2.00 per shirt.

**POC Dick Thompson, WØRAA**  
**719-520-0288**

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## **Ø-Beat March 1982**

Spring Novice class will start in mid-March at North Jr. High at 7:30. Al ADØZ reports the hamfest this year will be on April 18, with a backup date of April 25. Tables will cost \$5. Greg will write the letter requesting the hangar at Peterson Field. The PPRAA will resurrect the club net on 10 meters instead of 2 meters. Meet on 28.845 MHz and 146.52 MHz; Novices can monitor on 28.125 MHz. Still need to work out the details. Greg KAØFOZ gave the program on radio astronomy. Membership dues remain at \$12 for single, \$15 for family. Irvin Ebel WØKWV passed away this month. Irv was a strong supporter of the club. Dave NØDV writes a short article on ham radio education, and all the benefits in geography, science and math. And it's fun! Fox hunt on March 13. The board passed a motion to clean the club's typewriter and reimburse Don KBØKQ. Les reviewed the old bylaws and presented a rough draft for discussion.

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Online Spotter Course

<http://www.stormspotters.org>

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## **MARCH CONTESTS**

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**March 2012**

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± QRP Fox Hunt 0200Z-0330Z, Mar 2

± ARRL Inter. DX Contest, SSB 0000Z, Mar 3 to 2400Z, Mar 4

± Wake-Up! QRP Sprint 0600Z-0629Z, Mar 3 and 0630Z-0659Z, Mar 3 and 0700Z-0729Z, Mar 3 and 0730Z-0800Z, Mar 3

± Open Ukraine RTTY Championship 2000Z-2159Z, Mar 3 (Low Band) and 2200Z-2359Z, Mar 3 (Low Band) and 0800Z-1159Z, Mar 4 (High Band)

± DARC 10-Meter Digital Contest 1100Z-1700Z, Mar 4

± SARL Hamnet 40m Simulated Emerg Contest 1200Z-1400Z, Mar 4

± RSGB 80m Club Championship, Data 2000Z-2130Z, Mar 5

± ARS Spartan Sprint 0200Z-0400Z, Mar 6

± AGCW YL-CW Party 1900Z-2100Z, Mar 6

± AWA John Rollins Memorial DX Contest 2300Z, Mar 7 to 2300Z, Mar 8 and 2300Z, Mar 10 to 2300Z, Mar 11

± RSGB Commonwealth Contest 1000Z, Mar 10 to 1000Z, Mar 11

± AGCW QRP Contest 1400Z-2000Z, Mar 10

± EA PSK63 Contest 1600Z, Mar 10 to 1600Z, Mar 11

± Idaho QSO Party 1900Z, Mar 10 to 1900Z, Mar 11

+ North American Sprint, RTTY 0000Z-0400Z, Mar 11

+ SKCC Weekend Sprint 0000Z-2400Z, Mar 11

+ Wisconsin QSO Party 1800Z, Mar 11 to 0100Z, Mar 12

+ NAQCC-EU Monthly Sprint 1800Z-2000Z, Mar 12

+ CWops Mini-CWT Test 1300Z-1400Z, Mar 14 and 1900Z-2000Z, Mar 14 and 0300Z-0400Z, Mar 15

+ RSGB 80m Club Championship, CW 2000Z-2130Z, Mar 14

+ SARL VHF/UHF Analogue/Digital Contest 1600Z, Mar 16 to 1000Z, Mar 18

+ 10-10 Int. Mobile Contest 0001Z-2359Z, Mar 17

+ BARTG HF RTTY Contest 0200Z, Mar 17 to 0200Z, Mar 19

+ Russian DX Contest 1200Z, Mar 17 to 1200Z, Mar 18

+ Oklahoma QSO Party 1300Z, Mar 17 to 0100Z, Mar 18 and 1300Z-1900Z, Mar 18

+ AGCW VHF/UHF Contest 1400Z-1659Z, Mar 17 (144) and 1700Z-1759Z, Mar 17 (432)

+ Virginia QSO Party 1400Z, Mar 17 to 0200Z, Mar 18 and 1200Z-2400Z, Mar 18

+ Feld Hell Sprint 1600-1800 local, Mar 17

+ North Dakota QSO Party 1800Z, Mar 17 to 1800Z, Mar 18

+ Run for the Bacon QRP Contest 0100Z-0300Z, Mar 19

+ NAQCC Straight Key/Bug Sprint 0030Z-0230Z, Mar 22

+ RSGB 80m Club Championship, SSB 2000Z-2130Z, Mar 22

+ CQ WW WPX Contest, SSB 0000Z, Mar 24 to 2400Z, Mar 25

+ QRP Homebrewer Sprint 0000Z-0400Z, Mar 26

+ SKCC Sprint 0000Z-0200Z, Mar 28

+ CWops Mini-CWT Test 1300Z-1400Z, Mar 28 and 1900Z-2000Z, Mar 28 and 0300Z-0400Z, Mar 29

+ Missouri QSO Party 1800Z, Mar 31 to 0500Z, Apr 1 and 1800Z-2359Z, Apr 1

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## SIX Meter Net

Thursday evening after 10 meter net on **50.125** USB.

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## PPRAA / Pikes Peak Ten Ten Thursday Evening Net

Please join us for the Thursday Night 10-meter net. We meet at 7:00 PM (Local) on or near **28.390** USB. The goal of the net is for Technicians through Extra class operators to enjoy a weekly on-the-air chat, and experiment with various transmission modes. The outcome of the net has been a great success. It gives new operators a better understanding of radios, filter usage, mic gain, transmission line..etc.

**We give out 10-10 numbers!**



**A PDF version of the ARRL VE Manual is available. Let WV7T know if you would like a copy.**

## MARC March VE Exam

The Mountain Amateur Radio Club VE Team will be conducting a VE session at 10 am on Saturday, March 3<sup>th</sup>, in the Community Meeting Room of the Woodland Park Library, 218 East Midland Avenue. The MARC VE Team is affiliated

with the ARRL/VEC and examinations for all classes of license will be offered.

Full information, including driving directions to the Woodland Park Library, is available under "VE Sessions" on the MARC website at <http://www.nx0g.org/ve.html> or contact Wes Wilson (KØHBZ) at [k0hbx@arrrl.net](mailto:k0hbx@arrrl.net) or call (719) 687-8758.

If attending, please BE SURE to bring the following items to the session:

1. A valid **PHOTO ID**, driver's license preferred (if you do not have a valid photo ID, please call for alternative identification requirements).
  2. Your **SOCIAL SECURITY NUMBER** (now required – this includes children).
  3. Your **ORIGINAL** amateur radio license (if any) **AND** a **PHOTOCOPY** for the VE Team to keep.
  4. The **ORIGINAL** of any relevant **CSCEs** you have **AND** a **PHOTOCOPY** for the VE Team to keep.
  5. **Cash, Check or Money Order for \$15** (standard ARRL VE Fee). Checks and money orders should be made out to MARC and covers all the different exams you wish to take at the VE session.
- MARC VE Team policy, as with many VE Teams, is to not allow same day retests on failed exams.
- For already licensed hams, MARC members should be monitoring the MARC repeater

system 146.820- or 448.650- (both 107.2 Hz) if you need help with talk-in.

73 Wes KØHBZ

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# Ditz and Bitz

For Sale or Wanted

Have something to sell or trying to find something or just want to see something get to a good home? Send it in to [wv7t@arrl.net](mailto:wv7t@arrl.net) and see it in Dits and Bits. Also, visit the PPRAA Forum's online Ditz and Bitz at [www.ppraa.forumotion.net](http://www.ppraa.forumotion.net) !!

## WANTED

I need an 8 to 10 foot x 1.5 inch rotor mast for my tower install at my cabin.

Jim NØTUI  
640-8503

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## FOR SALE

Alinco DJ-580 HT Dual band, with a drop in charger and normal battery charger. The radio comes with a couple of extra batteries. One small mar in the front lower window, but doesn't bother the operation of the HT. It also has a speaker mic. I am asking \$120.

I have a full size pool table with three slates in excellent condition. Everything is there that belongs to a pool table. Asking price is \$325.00. I paid \$500. Mike Dassero, NØMUD  
[NØMUD@AOL.COM](mailto:NØMUD@AOL.COM) or phone: 597-1906

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## ARRL Incoming QSL Bureaus

<http://www.arrl.org/incoming-qs1-service>

## ARRL Outgoing QSL Bureaus

<http://www.arrl.org/outgoing-qs1-service>

## Callsign Word Match for

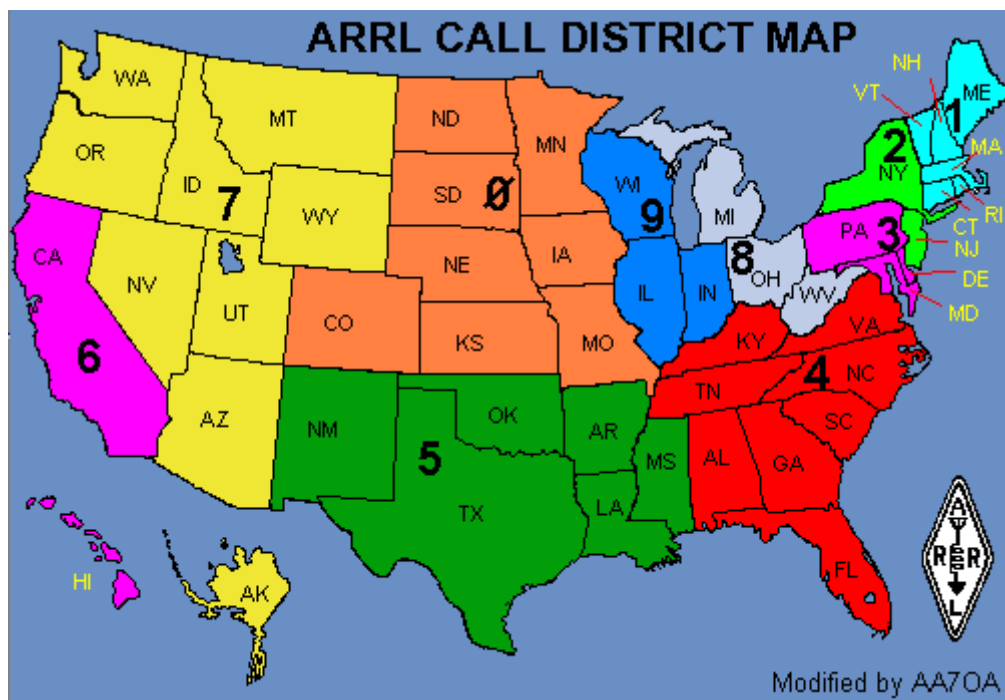
March is **ZULU**.

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<http://www.arrl.org/diamond-dxcc>

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## PPRAA Recognition Program

- 1) Starting date for all activities September 1st, 2011
- 2) All contacts have to be made after September 1st, 2011
- 3) Applicant must be a paid member of the Pikes Peak Radio Amateur Association
- 4) All submissions will be sent to the Program Administrator (WV7T)
- 5) All submissions will be in the form of log extracts or as specified
- 6) Participate from any US state or possession location
- 7) Forms/submission sheets (excel forms) provided by program administrator
- 8) Nets are okay
- 9) Schedules are okay
- 10) Operate as single or multiple operators
- 11) None of the activities has a time restriction

Program administrator is Mike Anderson, WV7T.

wv7t@arrl.net

Refer all questions to him.

Endorsable in 10 grid steps

### First Contact Award

Recognition for a new ham's first radio contact

Submission: Log extract

### Islands on the Air IOTA

Based on the rules of the RSGBIOTA

Basic award: for first 10 islands worked

Submission: log extract

Endorsable in 5 island steps



### Portable Operating/RVing

Basic award: operate 2 times away from your home location

Submission: Report on each outing.

Endorsable in 5 additional outing steps

### Lighthouses

Work Lighthouse/Lightships

Basic award: work 5 Lighthouse/lightship stations

Submission: log extract

Endorsable in 5 additional Lighthouse/Lightship contact steps

### Classic Equipment

Basic award: using 2 different tube type radios make 1 contact with each

Submission: Description of radios and log extract of contacts

Endorsable for making 1 contact each using 2 more different tube radios

### Work Special Event Stations

Basic award: for working 5 special event stations

Submission: log extract, Certificate, or QSL card

Endorsable in 5 additional special event station contact steps

### Rag Chewing

Basic award: 5 Contacts lasting 30 minutes or more

Endorsable for 10 contacts longer than 30-60-90-120 minutes or longer

Any band and mode

Submission: log extract with start/stop times

### SMIRK Six meter International Radio Klub

Work 6 SMIRK members and get your SMIRK number.

### Work all US call areas

Including US possessions

Basic award: work 1 station in call areas 1-0

Only 1 contact in each area need

Submission: log extract

Endorsable in 5 call area steps

### Word Match by Callsigns

Work stations whose suffix begins with the letters from a monthly word found in Zero Beat each month. Only letters no numbers

Submission: Log extracts

Endorsable in monthly steps

### Mobile Operations

Operating from a vehicle in motion or stopped

Basic award: for 20 contacts any band/mode

Submission: log extract

Endorsable for each additional 50 contacts

### Counting Hunting

In accordance with County Hunters rules

Basic award: for 25 counties

Submission: log extract

Endorsable in 25 county steps

### Ten Ten

Basic award: work 10 Ten Ten members and get 10 10 number

Submission: log extract

Endorsable for each additional 20 Ten-Ten numbers  
VP number (from Ten Ten) for 500 Ten Ten contacts

### WARC x 3

Basic award: make 10 contacts on 30m, 17m, and 12m  
Submission: log extract  
Endorsable in 20 contact steps on each band

### Digital x 2

Work 10 stations using any 2 digital modes (20 contacts)  
Basic award: for first 10 contacts on both modes  
Submission: log extract  
Endorsable in 50 contact (each mode) steps

### QRP-HF

Work 25 stations any mode as an HF QRP station  
Power: 5 watts CW, DIGITAL, FM; 10 watts PEP SSB  
Basic award: for first 25 contacts any HF band/mode  
Submission: log extract  
Endorsable in additional 25 contacts steps

### Homebrew Antennas

Make contacts with a homebrew (no commercial) antenna  
Basic award: for first antenna and 5 contacts with it  
Make and use as many different antennas as you can  
Submission: Description of antenna - log extract of contacts  
Endorsable in 2 antenna steps

### SCOUTS

Active in teaching Scouts radio/electronics merit badge  
Participate in 1 Jamboree on the Air  
Submission: Report on scouts taught and Jamboree experience

### Packet

Make packet keyboard to keyboard contacts  
Basic award: 5 contacts  
Digipeaters/nodes are okay  
Submission: log extract  
Endorsable in 5 additional contact steps

### Satellite

Basic award: make 1 satellite contact  
Submission: log extract  
Endorsable in 2 additional contact steps

### Amateur Fast Scan TV

Basic award: make 1 Amateur TV (fast scan) contact  
Submission: log extract  
Endorsable in 2 contact steps

### SSTV

Basic award: make 1 contact on SSTV  
Submission: log extract  
Endorsable in 5 contact steps

### Operating a Special Event Station

Basic award: Organize and operate 1 special event operation  
Submission: Write report on what and how you did.

Endorsable for additional 2 operations

### Propagation

Basic award: monitor propagation for 2 weeks

Send findings to the club via reflector daily

Endorsable for additional 2 weeks in 2 week increments

### Beacon Monitoring

Using online beacon list log each beacon heard (HF/VHF)

Basic award for 10 beacons logged

Submissions: Log entries of beacons heard

## Information needed for contest submission

Callsign	Class	Date	Contest	Score
WV7T	SOQRP	12-4-11	ARRL 160m	120
WV7T				
WV7T				
WV7T				
				120

W L E Y R G P B P R O Y X Z F B  
 Z H Y L M E N A W S J C C K U T  
 M A L J V I T Z D T X H I P A R  
 H M H W L Z K T E Y E E O E E N  
 G M L L I R D S I N J L M T F Y  
 Y E R A O E N P R M A P R O T X  
 M R E X N O N Y F R S E W S Y A  
 R L V R G N T X R D V N O N L L  
 O U I E A H E E M S R N A X K A  
 B N E T R E L T N T B A B R O G  
 Z D C E U A N A N D F Q K D T Y  
 W H E X Y D R I X A R U A E E H  
 S K R S A T E K L H A B T N E R  
 J G T I K H T A E H X X Q H R A  
 Q J W T E R M I N A L U N I T C  
 C U S K Q Q S W R M E T E R B J

antenna  
 drake  
 eico  
 galaxy  
 gonset  
 hammerlund  
 heathkit  
 henrythreek

linear  
 polarrelay  
 receiver  
 swan  
 swrmeter  
 terminalunit  
 transmitter  
 transverter

**Membership Application**  
**Pikes Peak Radio Amateur Association, Inc.**  
**P.O. Box 16521, Colorado Springs, Colorado 80935**

Date: \_\_\_\_\_ ☐ New Membership ☐ Renewal

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Call: \_\_\_\_\_ License Class: \_\_\_\_\_ Telephone: \_\_\_\_\_

Are you an ARRL member? ☐ Yes ☐ No

Additional Name: \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_ ARRL member? ☐ Yes ☐ No

Additional Name: \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_ ARRL member? ☐ Yes ☐ No

Additional Name: \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_ ARRL member? ☐ Yes ☐ No

E-mail address: \_\_\_\_\_

☐ Full Member - \$15.00

☐ Full Member over 65 - \$10.00

☐ Free - VE Signature Required:

☐ Family Membership (same address) - \$18.00

☐ Family Membership (both over 65) - \$12.00

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**Pikes Peak Radio Amateur Association, Inc.**  
**P.O. Box 16521**  
**Colorado Springs, CO 80935-6521 USA**

**To:**